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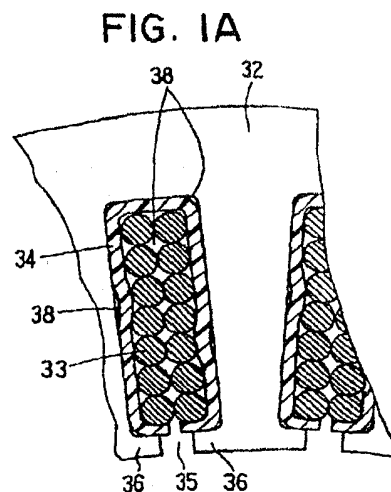
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### (54) AC generator for vehicles

(57) An AC generator (1) for a vehicle including a rotor (2) with a fan, a stator (3) disposed around the outer periphery of the rotor (2), and a frame. The stator (3) includes a laminated core (32) having a plurality of slots (35), a plurality of electric conductors (33a, 33b) in the slots (35), and an insulator (34). There is a gap (38) between the electric conductors (33a, 33b) and the insulator (34) in a diametrical section of the slots (35), and an area ratio of the gap (38) with respect to the sectional area of the slots (35) is not more than 25%. A portion of the electric conductor positioned within the slot has a substantially rectangular shape along the shape of the slot.



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# EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>9 March 2000</b>	Examiner <b>Tangocci, A</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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